

1642

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/434,870

DATE: 09/06/2001

TIME: 15:11:18

Input Set : A:\06352.ST25.txt

Output Set: N:\CRF3\09062001\I434870.raw

ENTERED

3 <110> APPLICANT: Huse, William
 4 Watkins, Jeffry
 5 Wu, Herren
 7 <120> TITLE OF INVENTION: Methods of Optimizing Antibody Variable Region Binding Affinity
 9 <130> FILE REFERENCE: AME-06352
 11 <140> CURRENT APPLICATION NUMBER: 09/434,870
 C--> 12 <141> CURRENT FILING DATE: 2001-08-20
 14 <150> PRIOR APPLICATION NUMBER: 60/159,689
 15 <151> PRIOR FILING DATE: 1999-10-14
 17 <160> NUMBER OF SEQ ID NOS: 4
 19 <170> SOFTWARE: PatentIn version 3.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 107
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Mus musculus
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 32 20 25 30
 34 Leu His Trp Tyr Gln Gln Lys Ser His Glu Ser Pro Arg Leu Leu Ile
 35 35 40 45
 37 Lys Tyr Ala Ser His Ser Ile Ser Gly Ile Pro Ser Arg Phe Ser Gly
 38 50 55 60
 40 Ser Gly Ser Gly Ser Asp Phe Thr Leu Ser Ile Asn Ser Val Glu Pro
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 43 Glu Asp Val Gly Ile Tyr Tyr Cys Gln His Gly His Ser Phe Pro Arg
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 46 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
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 51 <212> TYPE: PRT
 52 <213> ORGANISM: Homo sapiens
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 62 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
 63 35 40 45
 65 Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
 66 50 55 60
 68 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
 69 65 70 75 80
 71 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser Asn Trp Pro Leu
 72 85 90 95

RAW SEQUENCE LISTING

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TIME: 15:11:19

Input Set : A:\06352.ST25.txt

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88          20          25          30
90 Gly Met Gln Trp Val Gln Glu Met Pro Gly Lys Gly Leu Lys Trp Ile
91          35          40          45
93 Gly Trp Ile Asn Thr His Ser Gly Val Pro Lys Tyr Val Glu Asp Phe
94          50          55          60
96 Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Asn Thr Ala Tyr
97 65          70          75          80
99 Leu Gln Ile Ser Asn Leu Lys Asn Glu Asp Thr Ala Thr Tyr Phe Cys
100          85          90          95
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122          35          40          45
124 Gly Trp Ile Asn Thr Asn Thr Gly Asn Pro Thr Tyr Ala Gln Gly Phe
125          50          55          60
127 Thr Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
128 65          70          75          80
130 Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
131          85          90          95
133 Ala Arg Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser
134          100          105          110
136 Ser

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VERIFICATION SUMMARY

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Input Set : A:\06352.ST25.txt

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date